

C1 --Fig. 9 shows the 21 peptide sequences obtained from lysyl endopeptidase and protease V8 digestion of purified bovine pituitary GGF-I.

On page 27, line 28, insert:

C2 -- Fig. 11 shows various trypsin and lysyl endopeptidase C peptides derived from GGF2.--.

On page 28, delete lines 3 and 4 and insert:

--Fig. 13 shows a graph comparing BrUdR-ELISA and [125 I]UdR counting methods for the DNA synthesis assay in Schwann cell cultures.

Figs. 14A and 14B show graphs comparing Br-UdR immunoreactivity with the number of Br-UdR labelled cells.

Fig. 15 shows the mitogenic response of rat sciatic nerve Schwann cells to GGFs.

C3 Fig. 16 shows a graph quantifying DNA synthesis in rat sciatic nerve Schwann cells and 3T3 fibroblasts in the presence of GGFs.

Fig. 17 shows a graph of the mitogenic response of BHK 21 C13 cells to FCS and GGFs.

Fig. 18 shows a graph of survival and proliferation of BH 21 C13 cell micro cultures after 48 hours in the presence of GGFs.

Fig. 19 shows a graph of the mitogenic response of C6 cells to FCS.

Figs. 20A and 20B are graphs showing the mitogenic response of C6 cells to aFGF

C³ and GGFs.--.

On page 27, line 20, delete "Fig. 10" and insert --Fig. 10(A-B)--.

On page 27, line 28, delete "Fig. 12" and insert --Fig. 12(A-B)--.

On page 28, line 20, delete "Fig. 23" and insert --Fig. 23A and 23B--.

On page 28, line 20, delete "is" and insert --shows--.

On page 29, line 29, delete "Fig. 28B" and insert --Fig. 28B and 28C--.

On page 30, line 4, delete "Fig. 28C" and insert --Fig. 28D and 28E--.

On page 30, line 30, delete "Fig. 31" and insert --Fig. 31A, 31B, 31C, 31D, 31E,

C⁴ 31F, 31G, 31H, 31I, 31J, 31K, 31L, 31M, 31N, 31O, 31P, 31Q, and 31R--.

On page 31, line 9, delete "Fig. 32" and insert --Fig. 32A and 32B--.

On page 31, line 13, delete "Fig. 33" and insert --Fig. 33A and 33B--.

On page 31, line 17, delete "Fig. 34" and insert --Fig. 34A, 34B, and 34C--.

On page 31, line 31, delete "Fig. 37" and insert --Fig. 37A and 37B--.

On page 32, line 27, delete "Fig. 45" and insert --Fig. 45A, 45B, 45C, and 45D--.

On page 32, line 29, delete "167" and insert --21--.

On page 33, line 14, delete "Fig. 50" and insert --Fig. 50A and 50B--.

On page 33, line 20, delete "Fig. 51" and insert --Fig. 51A and 51B--.

On page 66, lines 6-11, add a SEQ ID NO, as provided below, immediately following each of the respective sequences:

-- (SEQ ID NO: 179) --;

-- (SEQ ID NO: 180) --;
-- (SEQ ID NO: 181) --;
-- (SEQ ID NO: 182) --;
-- (SEQ ID NO: 183) --; and
-- (SEQ ID NO: 184) --.

On page 12, lines 8-19, add a SEQ ID NO, as provided below, immediately following each of the respective sequences.

-- (SEQ ID NO: 1) --;
-- (SEQ ID NO: 22) --;
-- (SEQ ID NO: 23) --;
-- (SEQ ID NO: 24) --;
-- (SEQ ID NO: 25) --;
-- (SEQ ID NO: 26) --;
-- (SEQ ID NO: 27) --;
-- (SEQ ID NO: 28) --;
-- (SEQ ID NO: 29) --;
-- (SEQ ID NO: 127) --;
-- (SEQ ID NO: 19) --; and
-- (SEQ ID NO: 32) --.

On page 12, lines 26-30, add a SEQ ID NO, as provided below, immediately

following each of the respective sequences.

-- (SEQ ID NO: 45) --;

-- (SEQ ID NO: 46) --;

-- (SEQ ID NO: 47) --;

-- (SEQ ID NO: 48) --; and

-- (SEQ ID NO: 49) --.

On page 13, lines 1-7, add a SEQ ID NO, as provided below, immediately following each of the respective sequences.

-- (SEQ ID NO: 50) --;

-- (SEQ ID NO: 51) --;

-- (SEQ ID NO: 52) --;

-- (SEQ ID NO: 53) --;

-- (SEQ ID NO: 185) --;

-- (SEQ ID NO: 186) --; and

-- (SEQ ID NO: 187) --.

In the specification on page 7, line 16, page 32, lines 28-29, and page 66, lines 27-29, replace "SEQ ID NO: 167" with --SEQ ID NO: 170--.

In the specification on page 61, lines 1-2, replace "SEQ ID NO: 44" with --SEQ ID NO: 52--.

In the specification on page 61, line 27, insert --(SEQ ID NO: 188)-- after

✓
"peptide 12."

Replace Figure 45 with the new drawing labeled Figure 45 provided herewith.

Delete the sequence listing of the specification, pages 101-179, and replace it with the new sequence listing provided herewith.

In the Title:

Delete the previous title and replace it with the new title provided below.

--METHODS FOR INDUCING MYELINATION USING GLIAL GROWTH
FACTORS.--

In the Abstract:

Delete the previous abstract and replace it with the new abstract provided below.

--Disclosed are methods for inducing myelination of neural cells by glial cells.

C⁶
The methods involve contacting glial cells with polypeptides comprising epidermal growth factor-like domains encoded by the GGF/p185 erb B2 ligand gene provided as a feature of the invention.--

In the Claims:

Cancel claims 133-135 and 138.

Amend the claims as follows: